

TRHE 40-60 & 40-110 Two-Stage Liquid Ring Vacuum Pump



TRAVAINI

- PRESSURE RANGE** : 25 to 150 TORR
CAPACITY : 15 to 75 CFM
- FEATURES** : Two-stage rotating pump with externally located bearings grease lubricated for life
- SHAFT SEALING** : Mechanical seal - Double mechanical seal or stuffing box optional
- OPTIONS** : Bareshaft pump - Coupled to electric motor on baseplate – Monoblock with electric motor
- ACCESSORIES** : (Optional) Flange mounted air-liquid separator tank, non-return valve, vacuum relief valve, vacuum gauge and piped service liquid line with isolating valve, Y-strainer, 1/60/120 solenoid valve, flow regulating valve and compound gauge



TECHNICAL DATA

PUMP TYPE		TRHE 40-60		TRHE 40-110	
Speed	RPM	1450	1750	1450	1750
Motor - installed power	HP	3	5	5	7.5
Average service liquid flow	GPM	3.0	3.0	3.5	3.5
Noise level at 150 Torr	dB(A)	65	68	65	68
Minimum suction pressure	Torr	25	25	25	25

MODEL DESIGNATION

TRHE 40 - 110 / C - M / RX	
T	Travaini manufacturer
R	Liquid ring pump
H	Two-stage pump
E	Design number
40	Flange size (mm)
110	Nominal capacity (m³/h)
C	Shaft sealing C = Mechanical seal C2 = Double mech. seal B = Packing seal
M	Close-coupled construction with lantern (available upon request)
RX	Materials of construction (see table)

Standard Materials of Construction **					
Part No.	Description	RX	F	RA	A3
106	Suction casing	Cast iron			Stainless steel AISI 316
107	Discharge casing				
140	Port plate				
110	Impeller housing	Carbon steel			
210	Shaft	Stainless steel AISI 420			
357	Bearing housing	Cast iron			
230	Impeller	Stainless Steel AISI 304	Ductile iron	Stainless Steel AISI 316	

**Special Materials Available Upon Request

- Request information on our HYDROSYS and DYNASEAL engineered vacuum systems
- For further information please consult Premier Fluid Systems Inc.



Premier Fluid Systems
Canadian Home Of Travaini Pumps